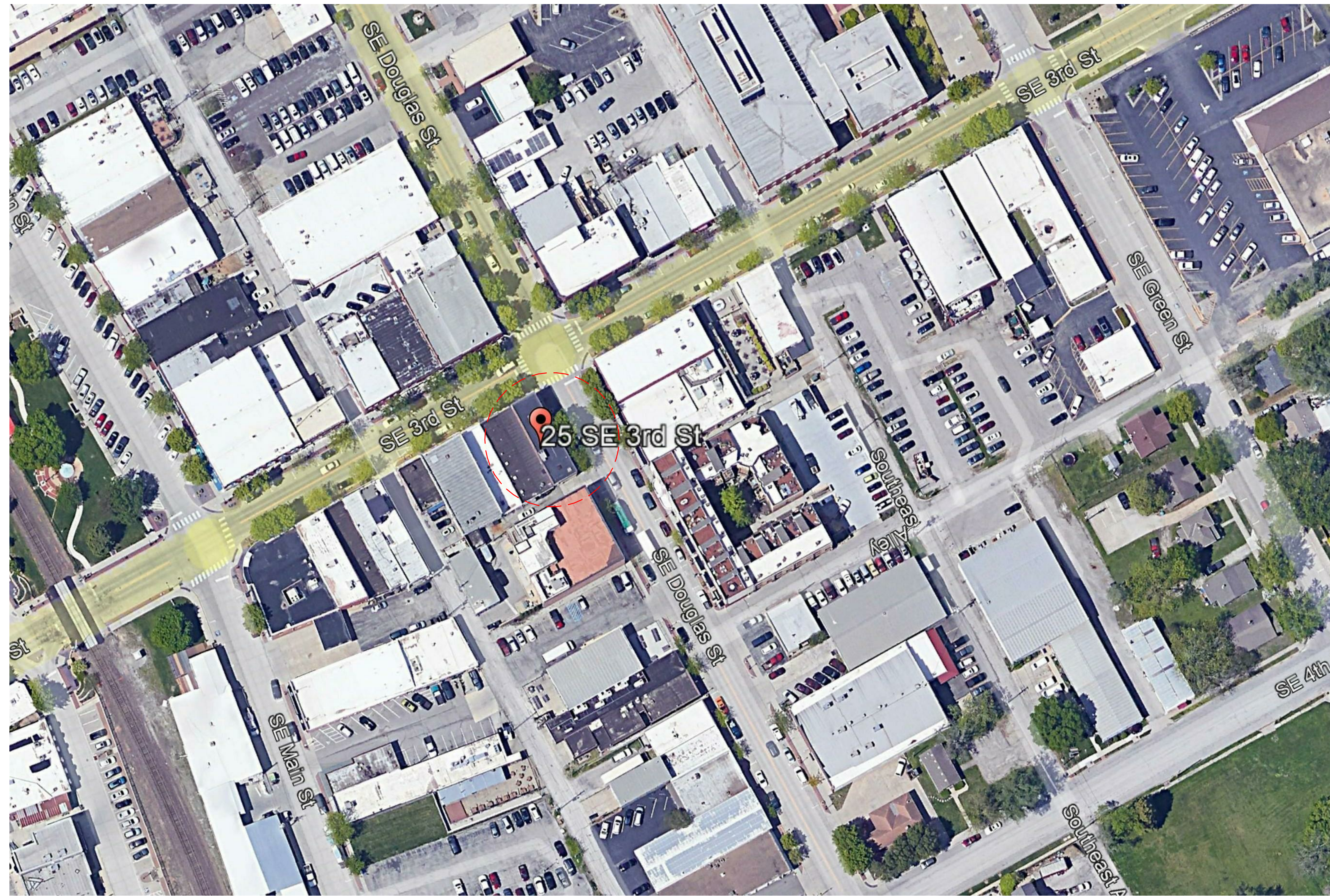


COLLINS WEBB #: 21051



SHEET INDEX	
SHEET NUMBER	SHEET NAME
ARCHITECTURAL	
CS	COVER SHEET
A101	FLOOR PLAN, LIFE SAFETY PLAN, AND CODE INFORMATION
PLUMBING	
P100	PLUMBING SPECIFICATIONS, DETAILS, AND SYMBOLS
P101	PLUMBING PLANS AND SCHEDULES
ELECTRICAL	
E100	ELECTRICAL SPECIFICATIONS AND SYMBOLS
E101	ELECTRICAL PLANS

COLLINS | WEBB ARCHITECTURE
307B SW MARKET STREET
LEE'S SUMMIT, MISSOURI 64063
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GENERAL DESCRIPTION

PROJECT NAME: LIBATIONS

PROJECT LOCATION: 25 SE 3RD ST, LEES SUMMIT, MO 64063

COUNTY: JACKSON

COLLINS WEBB ARCHITECTURE

307B SW MARKET STREET

LEES SUMMIT, MISSOURI 64063

APPLICABLE CODES:

INTERNATIONAL BUILDING CODE - 2018 ED.

INTERNATIONAL PLUMBING CODE - 2018 ED.

INTERNATIONAL MECHANICAL CODE - 2018 ED.

INTERNATIONAL FUEL GAS CODE - 2018 ED.

NATIONAL ELECTRICAL CODE - 2017 ED.

INTERNATIONAL FIRE CODE - 2018 ED.

ADA STANDARDS FOR ACCESSIBLE DESIGN - 2010 ED.

ICC/ANSI A117.1: ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES - 2009 ED.

CODE INFORMATION

		TABLE/SECTION/REFERENCE
BUILDING/PROJECT USE:	BAR	IBC SECTION 303
CONSTRUCTION TYPE	TYPE IIB (EXISTING - FULLY SPRINKLERED)	IBC TABLE 601
OCCUPANCY CLASSIFICATION	GROUP "A2" NEW ASSEMBLY	IBC SECTION 303
BUILDING FRAME		
BASE ALLOWABLE AREA A2	28,500 SQ. FT.	IBC SECTION 506.2
ACTUAL TENANT AREA (GROSS)	1,675 SQ. FT.	
ALLOWABLE STORIES	3 STORIES	IBC TABLE 504.4
ACTUAL NUMBER OF STORIES	2 STORIES - EXISTING - 1 STORY TENANT IMPROVEMENT	
ALLOWABLE HEIGHT	75'-0"	IBC TABLE 504.3
ACTUAL HEIGHT IN FEET	EXISTING	

FIRE RESISTIVE REQUIREMENTS

		TABLE/SECTION/REFERENCE
PRIMARY FRAME	0 HRS	IBC TABLE 601
NON-BEARING WALLS	0 HRS	IBC TABLE 601
BEARING WALLS INT / EXT.	0 INT. / 2 EXT. HRS	IBC TABLE 601
FLOOR CONSTRUCTION	0 HRS	IBC TABLE 601
CEILING/ROOF	0 HRS	IBC TABLE 601
CORRIDORS	0 HRS	IBC TABLE 1018.1

FIRE EXTINGUISHERS

1. PROVIDE PORTABLE FIRE EXTINGUISHERS IN OCCUPANCIES AND LOCATIONS AS REQUIRED BY THE FIRE PREVENTION CODE. SEE PLANS FOR SUGGESTED LOCATIONS. NOTIFY ARCHITECT OF ANY PROPOSED RELOCATION OR IF A CONFLICT IS ENCOUNTERED.

2. PORTABLE FIRE EXTINGUISHERS SHALL BE INSTALLED, INSPECTED, AND MAINTAINED IN ACCORDANCE WITH NFPA 10, STANDARD FOR PORTABLE FIRE EXTINGUISHERS.

CEILING HEIGHT NOTES: (IBC 1208)

1. ALL MEANS OF EGRESS TO HAVE A MINIMUM CEILING HEIGHT OF 7'-6" A.F.F., NOR SHALL HAVE ANY PROJECTION FROM THE CEILING BE LESS THAN 6'-8" A.F.F.

2. OCCUPIED SPACES, HABITABLE SPACES AND CORRIDORS SHALL HAVE A CEILING HEIGHT OF NOT LESS THAN 7'-4" A.F.F.

3. BATHROOMS, TOILET ROOMS, KITCHENS, STORAGE ROOMS AND LAUNDRY ROOMS SHALL HAVE A CEILING HEIGHT OF NOT LESS THAN 7'-4" A.F.F.

INTERIOR FINISHES

GROUP A	MAX. FLAME SPREAD	
EXIT ENCLOSURES	CLASS B	803.9 IBC
LOBBIES & CORRIDORS	CLASS B	803.9 IBC
ALL OTHER SPACES	CLASS C	803.9 IBC
TEXTILES	CLASS A (0-25)	IBC 803.1.3, 803.5.1, 803.5.2
SMOKE DEVELOPED	0-450	TABLE/SECTION/REFERENCE

NOTE:
Decorative Materials and Trim (including plastics) must comply with

GENERAL EXITING REQUIREMENTS

		TABLE/SECTION/REFERENCE
EXIT TRAVEL DISTANCE	250 FEET	IBC SECTION 1017.2
DEAD END CORRIDOR	20 FEET	IBC SECTION 1020.4
COMMON PATH OF TRAVEL	30' FEET, OR 75' IF OCC. < 50	IBC SECTION 1020.8
MIN. CORRIDOR WIDTH	44", OR 36" IF OCC. < 50	IBC SECTION 1020.2

POSTING OF OCCUPANT LOAD

EVERY ROOM OR SPACE THAT IS AN ASSEMBLY OCCUPANCY SHALL HAVE THE OCCUPANT LOAD OF THE ROOM OR SPACE POSTED IN A CONSPICUOUS PLACE, NEAR THE MAIN EXIT OR EXIT ACCESS DOORWAY FROM THE ROOM OR SPACE. POSTED SIGNS SHALL BE OF AN APPROVED LEGIBLE PERMANENT DESIGN AND SHALL BE MAINTAINED BY THE OWNER OR AUTHORIZED AGENT.

EXIT REQUIREMENTS

		TABLE/SECTION/REFERENCE
A. REQUIRED CAPACITY		IBC SECTION 1005
1. STAIRS - 0.3" / PERSON		
2. OTHER COMPONENTS - 0.2" / PERSON		
3. OTHER COMPONENTS WITHIN THEATER ROOMS - 0.22" / PERSON		
B. MINIMUM NUMBER		IBC SECTION 1006.3.2
1. OCCUPANT LOAD OF 1-500 PERSONS - 2 EXITS PER STORY		
2. OCCUPANT LOAD OF 501-1000 PERSONS - 3 EXITS PER STORY		
3. OCCUPANT LOAD OF MORE THAN 1000 PERSONS - 4 EXITS PER STORY		

SIGNAGE

1. STAIR TACTILE AND BRAILLE SIGNAGE ON EACH FLOOR FOR EXIT STAIRWELL, FLOOR DISCHARGE, AND ROOF TOP ACCESS IN ACCORDANCE WITH LSC 7.10.

2. PROVIDE SIGNAGE "IN FIRE EMERGENCY DO NOT USE ELEVATOR, USE EXIT STAIRS" IN ACCORDANCE WITH IBC (3002.3)

3. EVACUATION DIAGRAM PROVIDED IN ACCORDANCE WITH LSC 7.10.8.5

TOTAL OCCUPANT LOAD

LOUNGE	79 OCC	LOUNGE:	15 SF/OCC
BAR	1 OCC	BAR:	100 SF/OCC
STORAGE/UTILITY	1 OCC	STORAGE:	300 SF/OCC
TOTAL OCCUPANT LOAD	72 OCCUPANTS		

EXITS REQUIRED THIS LEVEL
EXITS PROVIDED THIS LEVEL

2 EXITS
2 EXITS

PLUMBING FIXTURE REQUIREMENTS

A2 OCC WATER CLOSETS	= 1/40 BOTH MALE/FEMALE
A2 OCC LAVATORIES	= 1/75 BOTH MALE/FEMALE
A2 OCC DRINKING FOUNTAIN	= 1/500
A2 OCC SERVICE SINK	= 1

PLUMBING FIXTURES REQUIRED

MEN WATER CLOSETS: 36/40 = 1 REQUIRED
WOMEN WATER CLOSETS: 36/40 = 1 REQUIRED
MEN LAVATORIES: 36/75 = 1 REQUIRED
WOMEN LAVATORIES: 36/75 = 1 REQUIRED
DRINKING FOUNTAINS: 72/500 = 1 REQUIRED
SERVICE SINKS: = 1 REQUIRED

PLUMBING FIXTURES PROVIDED

MEN WATER CLOSETS: = 1 PROVIDED
WOMEN WATER CLOSETS: = 1 PROVIDED
MEN LAVATORIES: = 1 PROVIDED
WOMEN LAVATORIES: = 1 PROVIDED
DRINKING FOUNTAINS: = PROVIDED AT BAR
SERVICE SINKS: = 1 PROVIDED

J6 1ST FLOOR - LIFE SAFETY
1/8" = 1'-0"

A12 1ST FLOOR PLAN
3/8" = 1'-0"

FIRE RESISTIVE LEGEND

3FW	3FW	3FW	3FW	3 HOUR FIRE WALL
2FW	2FW	2FW	2FW	2 HOUR FIRE WALL
2FB	2FB	2FB	2FB	2 HOUR FIRE BARRIER
1FB	1FB	1FB	1FB	1 HOUR FIRE BARRIER
2S	2S	2S	2S	2 HOUR SHAFT ENCLOSURE
1SE	1SE	1SE	1SE	1 HOUR SHAFT ENCLOSURE
1FP	1FP	1FP	1FP	1 HOUR FIRE PARTITION
0.5FP	0.5FP	0.5FP	0.5FP	0.5 HOUR FIRE PARTITION
0.5X	0.5X	0.5X	0.5X	0.5 HOUR CORRIDOR PARTITION
SB	SB	SB	SB	1 HOUR SMOKE BARRIER
2BW	2BW	2BW	2BW	2 HOUR BEARING WALL
1BW	1BW	1BW	1BW	1 HOUR BEARING WALL

DESCRIPT:

NUMBER OF OCCUPANTS EXITING

EXIT WIDTH PROVIDED (IN.)

200

40"

60"

CALCULATED EXIT WIDTH REQ'D (IN.)

NUMBER OF OCCUPANTS EXITING

CALCULATED EXIT WIDTH REQ'D (IN.)

200

40"

32"

68"

MIN. WIDTH OF MEANS OF EGRESS COMPONENT (IN.)

FROM ROOM OR LEVEL

X = CLEAR WIDTH OF OPENING IN INCHES

F.E.C.

FIRE RISER CABINET

F.A.C.P.

FIRE ALARM CONTROL PANEL

DC

FIRE DEPARTMENT CONNECTION

K.B.

KNOX BOX

ACCESSIBLE EGRESS COMPONENT

MAX. TRAVEL DISTANCE

FE-1

INDICATES FIRE EXTINGUISHER CABINET (FE) LOCATION WITH 75'-0" RADIUS COVERAGE AREA. SEE SPECIFICATIONS FOR FE TYPE.

FE-2K

INDICATES KITCHEN BAR FIRE EXTINGUISHER (FE) LOCATION WITH 75'-0" RADIUS COVERAGE AREA. SEE SPECIFICATIONS FOR FE TYPE.

GENERAL NOTES:

FLOOR PLANS

1. ARCHITECTURAL ELEVATION 100'-0"

2. DIMENSIONS SHOWN ON THE FLOOR PLAN ARE TO THE FACE OF GYP BOARD WALL (FGB), FACE OF MASONRY (FOM), FACE OF CONCRETE WALLS (FOC), AND COLUMN GRID LINES, UNLESS NOTED OR SHOWN OTHERWISE.

3. NOTE: WALL THICKNESSES ARE ACTUAL DIMENSIONS AND PER WALL TYPES. SEE GENERAL SHEETS.

4. MAINTAIN AND PROTECT EXISTING EXPANSION JOINTS DURING CONSTRUCTION. PATCH/REPAIR/PLACE TO MATCH EXISTING RATINGS AS REQUIRED ON THE SHELL PORTION OF PROJECT.

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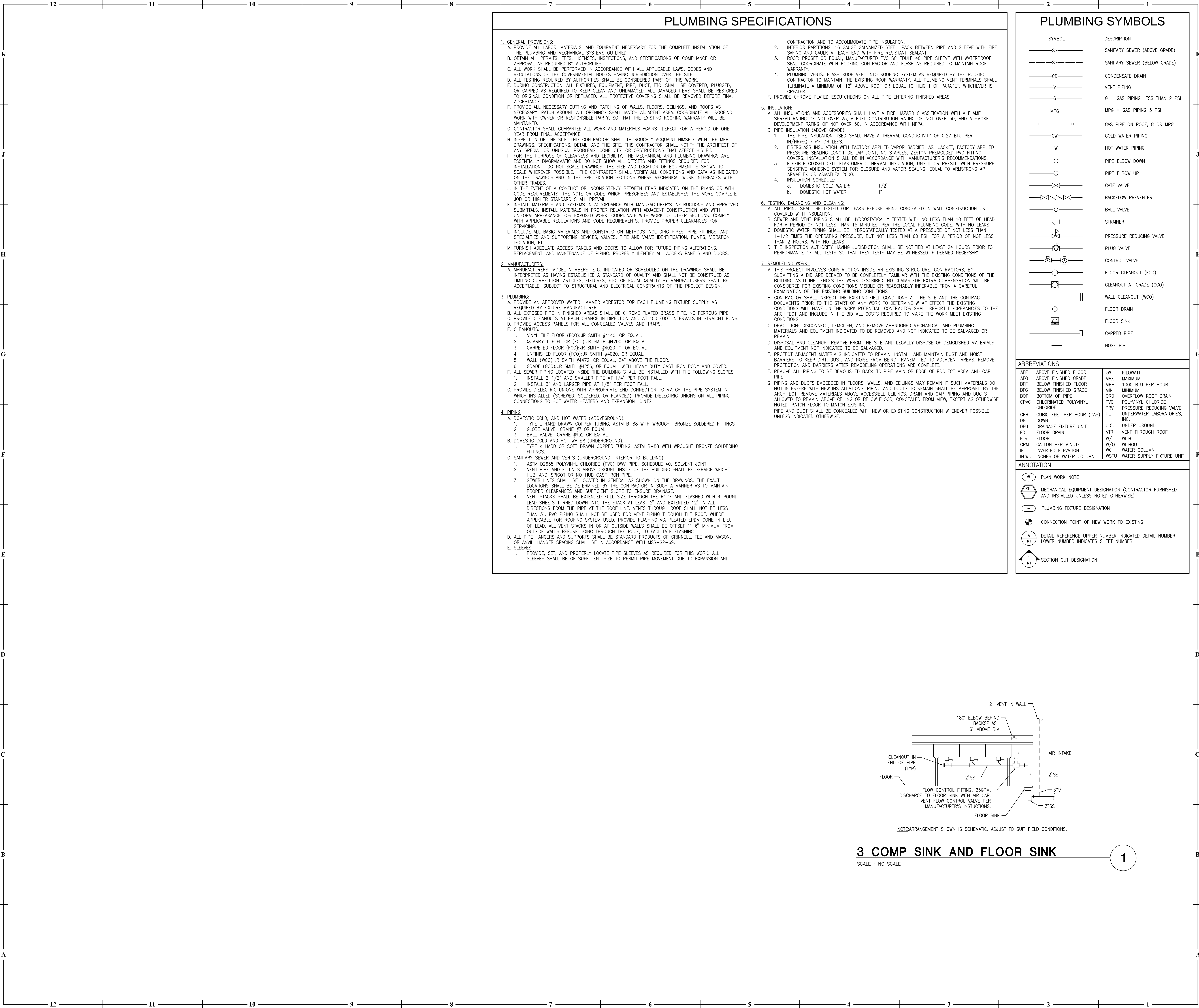
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COLLINS WEBB #: 21051

FLOOR PLAN, LIFE SAFETY PLAN,
AND CODE INFORMATION

PERMIT SET

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GENERAL NOTES

- A. DRAWINGS ARE DIAGRAMMATIC ONLY AND REPRESENT THE GENERAL SCOPE OF WORK. REVIEW THE GENERAL NOTES, SPECIFICATIONS AND PLANS FOR ADDITIONAL REQUIREMENTS THAT MAY NOT BE SPECIFICALLY CALLED OUT IN THIS PORTION OF THE CONSTRUCTION DOCUMENTS. NOTIFY ARCHITECT, ENGINEER AND/OR OWNER OF CONFLICTS OR DISCREPANCIES PRIOR TO SUBMISSION OF BID.
- B. COORDINATE INSTALLATION OF PLUMBING SYSTEMS WITH OTHER TRADES TO ENSURE A NEAT AND ORDERLY INSTALLATION AND AVOID CONFLICTS. INSTALL PIPING AS TIGHT TO STRUCTURE AS POSSIBLE. COORDINATE INSTALLATION OF PIPING TO AVOID CONFLICTS WITH ELECTRICAL PANELS, LIGHTING FIXTURES, ETC. VERIFY SPACE AVAILABLE ABOVE ALL CEILINGS PRIOR TO ANY FABRICATION OF INSTALLATION.
- C. NEW PIPING IS SHOWN AT APPROXIMATE LOCATIONS. FIELD MEASURE FINAL PIPING LOCATIONS PRIOR TO FABRICATION AND MAKE ADJUSTMENTS AS REQUIRED TO FIT PIPING WITHIN THE AVAILABLE SPACE. VERIFY THAT FINAL EQUIPMENT LOCATIONS MEET MANUFACTURER'S RECOMMENDATIONS REGARDING SERVICE CLEARANCE AROUND EQUIPMENT.
- D. EXACT LOCATION AND ELEVATIONS OF ALL EXISTING UTILITIES SHALL BE VERIFIED PRIOR TO ANY INSTALLATION OR CONNECTIONS THEREOF.
- E. PROVIDE SHIELDED ADAPTOR COUPLINGS FOR CONNECTIONS OF PVC DWV TO CAST IRON SANITARY, WASTE AND VENT PIPE.
- F. REFER TO PLUMBING FIXTURE SCHEDULE FOR MINIMUM BRANCH WASTE AND VENT PIPE SIZING.
- G. SANOUT EXISTING FLOOR AS REQUIRED FOR INSTALLATION OF NEW UNDERFLOOR PIPING. PATCH FLOOR TO MATCH EXISTING.
- H. EXISTING SANITARY SEWER SHOWN AT APPROXIMATE LOCATION FROM BEST AVAILABLE INFORMATION. PLUMBING CONTRACTOR SHALL INCLUDE WORK REQUIRED TO CAMERA AND LOCATE SEWER LINES PRIOR TO START OF WORK. FIELD VERIFY EXACT LOCATION AND ADEQUATE INVERT ELEVATION FOR CONNECTION OF NEW SEWER LINES.



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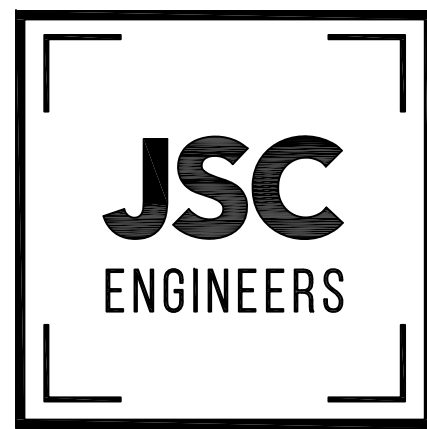
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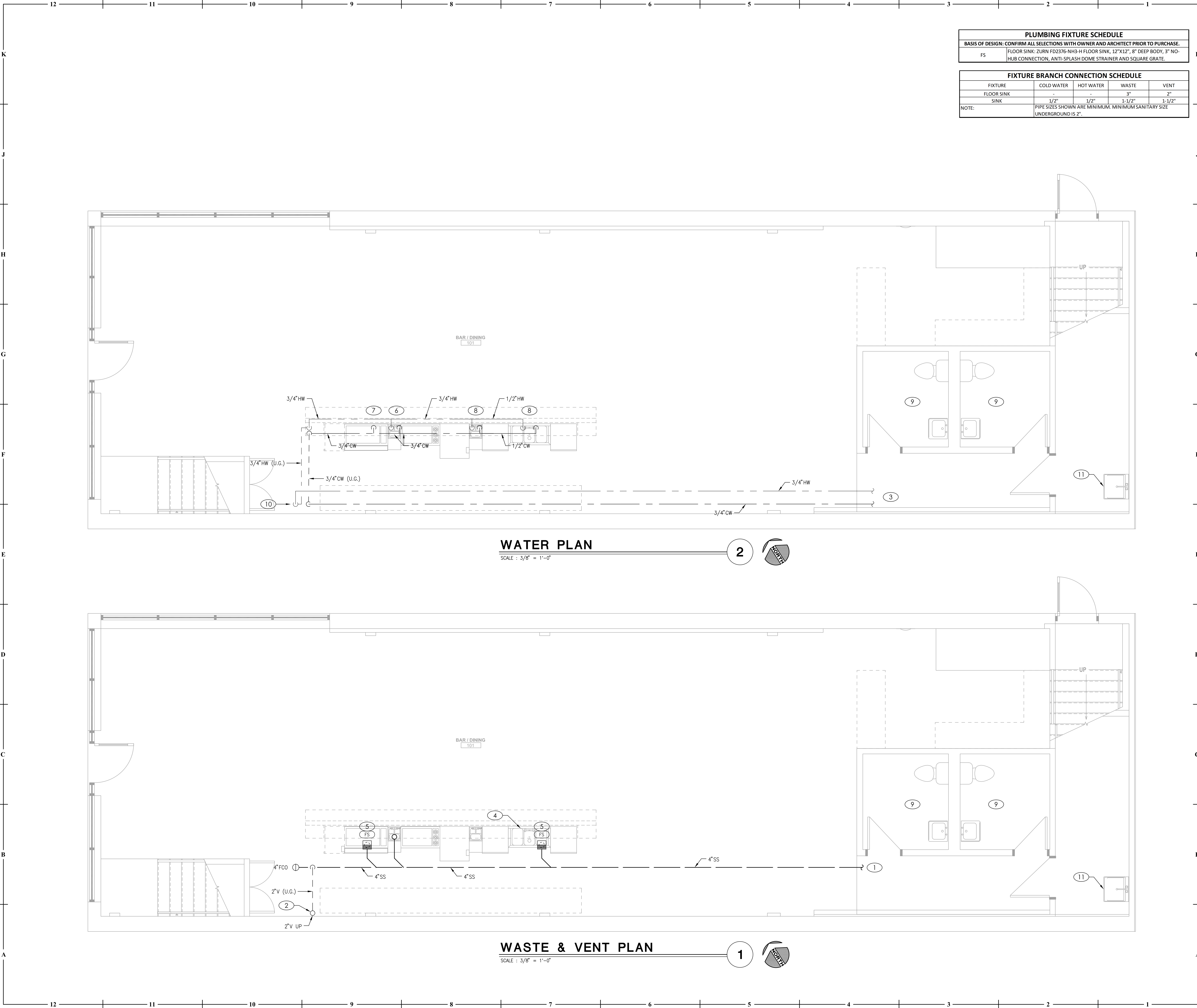
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PLUMBING SPECIFICATIONS,
DETAILS, AND SYMBOLS



KEYED PLAN NOTES

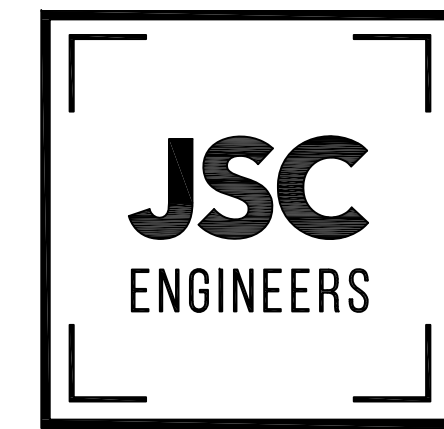
- CONNECT NEW 4" SANITARY SEWER LINE TO EXISTING SANITARY SEWER SERVING RESTROOMS. FIELD VERIFY EXACT LOCATION, SIZE, FLOW DIRECTION AND ADEQUATE INVERT DEPTH PRIOR TO START OF WORK.
- 2" CAST IRON VENT FROM UNDERGROUND THEN UP WALL. RUN VENT LINE TIGHT TO WALL THEN UP TO UPPER FLOOR. ROUTE THROUGH UPPER LEVEL TO NEW 2" VENT THROUGH ROOF. COORDINATE ROUTING OF VENT LINE THROUGH UPPER LEVEL WITH OWNER AND GC PRIOR TO START OF CONSTRUCTION. PROVIDE ANY OFFSETS REQUIRED TO ROUTE THROUGH UPPER LEVEL WITH MINIMAL IMPACT. LOCATE VENT A MINIMUM OF 3'-0" FROM EDGE OF ROOF AND 10'-0" FROM ANY OUTSIDE AIR INTAKE. SEAL ROOF PENETRATION WEATHER TIGHT.
- CONNECT NEW 3/4" CW AND 3/4" HW PIPING TO EXISTING DOMESTIC WATER PIPING. FIELD VERIFY EXACT LOCATION AND SIZE PRIOR TO START OF WORK. VERIFY CONNECTION IS DOWNSTREAM OF RPZ BACKFLOW PREVENTER SERVING BUILDING.
- 3-COMPARTMENT SINK. PLUMBING CONTRACTOR TO PROVIDE 2" DRAIN FROM EACH BASIN. COMBINE AND DISCHARGE TO FLOOR SINK WITH MINIMUM 2" AIR GAP. SEE DETAIL ON SHEET P100.
- ROUTE INDIRECT DRAINS FROM OWNER FURNISHED EQUIPMENT TO NEAREST FLOOR SINK.
- 1/2" CW AND 1/2" HW TO OWNER FURNISHED HAND SINK. PROVIDE THERMOSTATIC MIXING VALVE EQUAL TO LEONARD MODEL 170. SET HOT WATER SUPPLY WATER TEMPERATURE TO 110°F.
- 1/2" CW TO OWNER FURNISHED ICE MACHINE. PROVIDE ACCESSIBLE SHUTOFF VALVE AND REQUIRED ADAPTERS TO CONNECT TO EQUIPMENT.
- 1/2" CW AND 1/2" HW TO OWNER FURNISHED 3-COMP/PREP SINK.
- NO WORK IN EXISTING RESTROOMS. FIXTURES SHOWN FOR REFERENCE ONLY.
- ROUTE 3/4" CW AND 3/4" HW DOWN TIGHT TO WALL. CONTINUE UNDERGROUND TO BAR AREA. COORDINATE LOCATION WHERE PIPES ROUTE DOWN NEXT TO BRICK WALL WITH GC PRIOR TO START OF CONSTRUCTION.
- FIXTURE SHOWN FOR REFERENCE ONLY, NO WORK.



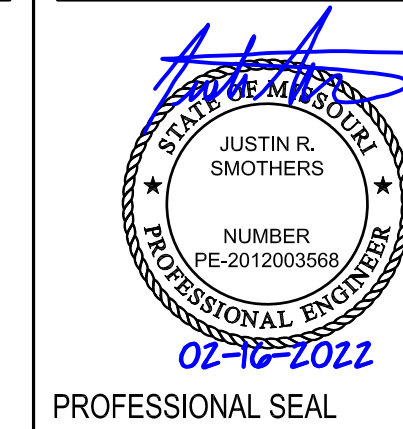
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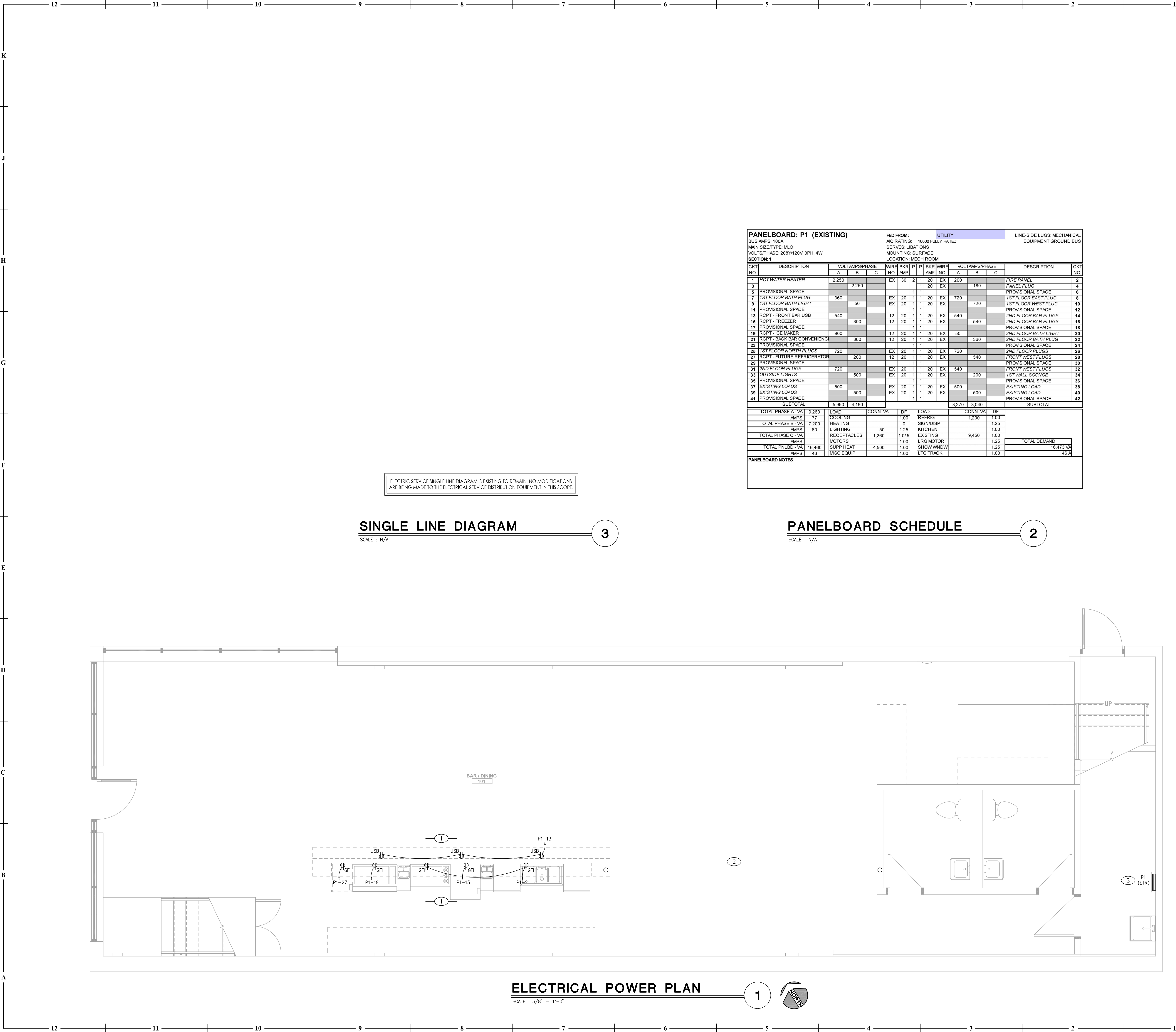


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PLUMBING PLANS AND SCHEDULES



SINGLE LINE DIAGRAM

SCALE : N/A

3

PANELBOARD SCHEDULE

SCALE : N/A

2

ELECTRICAL POWER PLAN

SCALE : 3/8" = 1'-0"

1



GENERAL NOTES

- A. EXISTING WORK SHOWN LIGHT, NEW SHOWN BOLD.
- B. DRAWINGS ARE DIAGRAMMATIC AND SHALL NOT BE SCALED. REFER TO ARCHITECTURAL PLANS OR FIELD MEASUREMENTS FOR DIMENSIONS.
- C. ALL WORK SHALL COMPLY WITH THE LATEST ADOPTED EDITION OF THE NATIONAL ELECTRICAL CODE (NFPA 70) AND ALL LOCAL BUILDING CODES AND AMENDMENTS.
- D. COORDINATE ALL WORK WITH OTHER TRADES AND EXISTING CONDITIONS AS REQUIRED TO PROPERLY INSTALL ALL SYSTEMS AS INTENDED, WITHIN THE CONFINES OF THE SPACE AVAILABLE, AND WITHOUT INTERFERENCES.
- E. THIS CONTRACTOR SHALL PERFORM ALL WORK INDICATED AND/OR AS REQUIRED FOR THE PROPER INSTALLATION AND OPERATION OF THE ELECTRICAL SYSTEMS.
- F. ALL WIRING SHALL BE IN APPROVED RACEWAY.
- G. WIRE SIZE SHALL BE MINIMUM #12 AWG, THIN SOLID COPPER UNLESS OTHERWISE NOTED. PROVIDE GROUND WIRE WHERE REQUIRED BY CODE. INCREASE WIRE SIZE TO COMPENSATE FOR VOLTAGE DROP WHERE TOTAL LENGTH OF ANY BRANCH CIRCUIT EXCEEDS 100 FEET.
- H. ROUTE ALL EXPOSED, RIGID CONDUIT TIGHT TO STRUCTURE, PARALLEL TO BUILDING LINES AND IN UNISTRUIT CABLE/PIPE TRAY WHERE POSSIBLE. COORDINATE CONDUIT ROUTING AND INSTALLATION WITH OTHER TRADES PRIOR TO ROUGH-IN. SUPPORT CONDUIT FROM STRUCTURE NOT ROOF DECK. MAINTAIN 2" MIN SPACING FROM BOTTOM OF ROOF DECK TO PREVENT ROOFING SORENS FROM PENETRATING CONDUITS.

KEYED PLAN NOTES

1. COORDINATE EXACT MOUNTING HEIGHT OF DEVICE WITH ARCHITECTURAL ELEVATIONS PRIOR TO CONSTRUCTION.
2. ROUTE CONDUIT(S) FOR HOMERUNS UNDERFLOOR TO NEAREST WALL CAVITY TO BE TURNED UP AND STUBBED OUT ABOVE ACCESSIBLE CEILING FOR ROUTING TO PANELBOARD. COORDINATE EXACT ROUTING WITH OWNER PRIOR TO CONSTRUCTION.
3. EXISTING PANELBOARD TO REMAIN. REFER TO PANELBOARD SCHEDULE ON THIS SHEET FOR MORE INFORMATION.

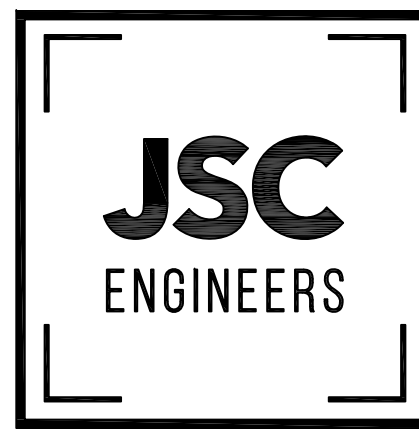
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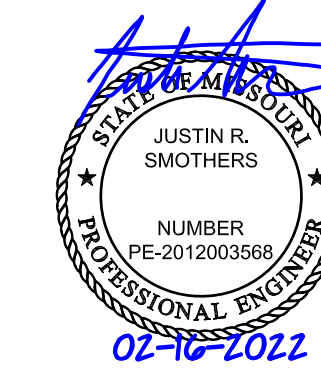
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ELECTRICAL PLANS